







Facility Recognitions

Table of Contents

About the Kansas Newborn Screening Program	1
About Annual Recognitions	2
What Recognition Means	3
Recognition Categories & Awards	4
Complete Demographic Recognitions	6
CCHD Screening Recognitions	8
Hearing Screening Recognitions	9
Metabolic Screening - Collection Age Recognitions	10
Metabolic Screening - Transit Time Recognitions	12
Metabolic Screening - Unsatisfactory Rate Recognitions	15
Best of the Best	18
Appendix: Facility Size Lists	20

About the Kansas Newborn Screening Program



The Kansas Newborn Screening Program is a collaborative effort between public health, hospitals, providers and the parents of the infants screened. This essential public health service has been available to all infants in Kansas at no cost to families, since 1965.

Most babies are born healthy. Some, however, are born with rare but serious medical conditions that may not be visible at birth. Newborn screening is an essential public health service that allows health professionals to identify and treat rare conditions. Newborn screening in Kansas consists of three types of tests:

- Hearing screen to detect hearing loss
- Pulse oximetry screening to detect critical congenital heart defects
- Heel stick to collect a small blood sample to detect 30 genetic or metabolic conditions

The best time to conduct these screens is between 24 and 48 hours after birth. Unless these conditions are identified and treated early, they can cause developmental disability, severe illness, and in some cases death.

State public health staff are available to notify and assist both providers and parents with next steps. Infants with abnormal newborn screening results will either need a repeat screening or receive diagnostic testing to confirm the presence of a condition. Most infants with abnormal newborn screening results have normal re-testing. If a baby truly has a condition, a system of providers is available to assist the family with immediate treatment.

About Annual Recognitions

The Kansas Newborn Screening team is continually grateful for the hard work and dedication of our state's healthcare partners in improving the lives of Kansas newborns and their families. Improving the program's effectiveness requires consistent and strategic collaboration between the follow-up team, health chemistry laboratory team, Kansas families, and *you*, our healthcare partners.

Over the past year, we have seen great improvement in all program performance metrics. These improvements are largely due to your dedication to staff training, updating facility protocols and practices, and adhering to higher newborn screening standards. In partnership with the Kansas Hospital Association (KHA) and the Kansas Midwives Association (KMA), we want to recognize those facilities and midwives who most closely adhered to state goals over the course of 2019.

How Annual Recognitions Work

To make comparisons most equitable, birthing facilities and providers were distributed into size classes by the number of births reported at each facility in 2019. Non-birthing facilities were distributed into size class by the total number of specimens sent to our laboratory in 2019.

The size classes by number of births/specimens are as follows:

• Very Small = 0-150

• Small = 151-550

• Medium = 551-1050

• Large = more than 1050

Each size class was then assessed against qualifying criteria based on state screening goals.

What Recognition Means

To earn recognition means that your facility clearly demonstrated a consistent effort to meet or exceed state screening goals in 2019. State Newborn Screening goals are:

Critical Congenital Heart Defects (CCHD)

⇒ Screening status reported for 100% of infants born

Hearing Loss

- ⇒ 100% of babies born are screened within 1 month of age
- ⇒ Diagnostic evaluation complete with 3 months of age
- ⇒ Infants with hearing loss receive early intervention services within 6 months of age
- ⇒ Facility referral rates remain with the expected range for their screening equipment

There are two types of screened equipment used: OAE and AABR. No more than 8% of babies screened with OAE equipment should be referred for diagnostic testing. No more than 4% of babies screened with AABR equipment should be referred for diagnostic testing. Higher than expected referral rates indicate that the screeners may not have consistently used correct screening procedures or technique.

Metabolic and Genetic Conditions

- ⇒ 1.30% or less of all specimens submitted to the Kansas Health and Environment Laboratory (KHEL) are rejected as "Unsatisfactory"
- ⇒ Average collection age for specimens is 24 hours of age
- ⇒ Average elapsed time from collection to delivery at KHEL , "transit time," is 24 hours
- ⇒ 100% of specimens have complete and correct demographic information

Meeting these goals requires a dedication to higher screening standards and continual improvement. Birthing facilities and newborn providers must employ consistent training, efficient protocols, and effective internal communication to meet these goals. Facilities and providers named in these recognitions demonstrate their dedication to better newborn screening by either meeting the goals, showing improvement over time, or exceeding state average performance rates.

Recognition Categories & Awards

Complete Demographics Recognition

Complete demographics information is necessary to accurately interpret screening results and report them to healthcare providers in a timely manner. While this is am important measure of facility performance, it is not included in the "Best of the Best" qualification criteria. Larger facilities submit many more screenings each year and are more likely to encounter unique situations in which full demographic information is simply not available - such as in the case of an adoption. To prevent these facilities from being unfairly excluded from "Best of the Best" consideration, we did not include it in the "Best of the Best" criteria.

Point-of-Care Recognition Categories & Qualifications

Category	Criteria
CCHD Screening	Screening status reported for 100% of babies born in 2019.
Hearing Screening	100% of babies screened, were screened within the first month of life <i>AND</i> referral rates remained at or below the recommended rate for the equipment used in all four quarters in 2019.

To make the *Hearing Screening* category as equitable as possible, we evaluated providers based on the number of babies who received screenings (as opposed to the number of babies *born*). This prevents exclusion bias caused by families who do not consent to screening. This number was then compared the to number of infants who were screened within one month. NICU and transfer status were also accounted for and did not negatively impact the resulting screening rates. Providers meeting this criteria were further evaluated for their referral rates. Those meeting both criteria received recognition.

Metabolic & Genetic Recognition Categories & Qualifications

Category	Criteria
Unsatisfactory Rate	 YTD average ≤ of 1.30% Honorable mention: YTD average < State Average Rate
Collection Age	 YTD average < 30 Hours Honorable mention: YTD average < State Average Rate
Transit Time	 YTD average ≤ 24 Hours YTD average < 36 Hours Honorable mention: YTD average < State Average Rate

Unsatisfactory rate was based on the count of unsatisfactory specimens divided by the total number of specimens received in 2019. Specimens that had multiple rejection codes were only counted once. Average collection age and transit times were calculated using *initial* specimens only.

Recognition Categories & Awards

"All Around Best of the Best"

Qualification Criteria:

Birthing facilities and newborn providers must earn recognition in 4 or more of the following categories to earn the "All Around Best of the Best" designation:

- Critical Congenital Heart Defects (CCHD) Screening
- Hearing Screening
- Winner or Honorable Mention in the Metabolic & Genetic Screening Categories
 - Unsatisfactory Rate
 - Collection Age
 - Transit Time

Awards:

- Recognitions plaque
- Recognitions banner
- Enhanced media kit including a press release template, an email/article template, sample social media content, and an exclusive digital awards badge

"Best of the Best in Point-of-Care/Metabolic and Genetic Screenings"

Qualification Criteria:

Birthing facilities and newborn providers must earn either:

Recognition in all point-of-care screening categories

or

• Recognition in *all* metabolic and genetic screening categories (top honors *or* honorable mention)

Awards:

- Recognitions plaque
- Media kit including a press release template, an email/article template, and sample social media content

Facilities & Providers Recognized in One, Two, or Three Categories

Qualification Criteria:

Recognition in one, two, or three categories, but that did not earn recognition in any "Best of the Best" categories.

Awards: Custom printed recognition certificate

Complete Demographics

Very Small Size Facilities

Allen County Hospital	Amy A Sparks - Midwife	Antioch Med	Arbor Creek Family Care
Associates in Internal Medicine & Pediatrics	Bazzaro Clinic	Birth Unlimited	Bloom Midwifery and Women's Health Services
Born Midwifery	Cheryl Gates - Midwife	Children's Mercy - Pediatric Care Specialists Inc	Children's Mercy Hospital Kansas
Children's Mercy West	Clay County Medical Center	Coffey County Hospital	College Point Primary Care
Community Health Center of SE KS - Ft. Scott Main Clinic	Community Healthcare System Onaga	Community Homebirth	Community Memorial Healthcare
Cushing Memorial Hospital	Derby Family Medcenter PA	Faul Midwifery	Fran Beier
Gardner Family Care	Goodland Regional Medical Center	Heidi Nisly - Midwife	Hiawatha Community Hospital
Hillsboro Community Medical Center	Hillside Medical Offices	Holton Community Hospital	Hutchinson Clinic
Immanuel Birth Company	Jessica Vail - Midwife	Kingman Community Hospital	KU Wichita Pediatrics - PKU Clinic
Lilly Mason - Midwife	McPherson Hospital	Mercy Hospital-Moundridge	Miami County Medical Center, Inc
Michelle Ruebke - Midwife	Mid-KS Pediatric Associates P.A.	Minneola District Hospital	Mitchell County Hospital
Morris County Hospital	Mulvane Family Medical Center	Natural Birth KC	Nemaha Valley Community Hospital
Nicole Greene - Midwife	No Greater Love Midwifery	Norton County Hospital	Olathe Health Family Medicine Blackfoot
Olathe Health Pediatrics, Olathe Medical Park	Osborne County Memorial Hospital	Pawnee Valley Community Hospital	Pediatric Care Specialists, PA
Phillips County Hospital	Preferred Pediatrics	Rachel Andresen - Midwife	Republic County Hospital
Rooks County Health Center	Sabetha Community Hospital	Saint John Hospital	Scott County Hospital
Sienna Medical Clinic	Simply Midwifery	South Central KS Regional Medical Center	St. Mary's Medical Center
Stanton County Hospital	Sumner Regional Medical Center	Truly You Midwifery	TUKHS Ambulatory Pediatrics- MOB
TUKHS Ambulatory Pediatrics- PV	Turner House Clinic	Washington County Hospital	Wesley Care Pediatrics Clinic
Wichita Birth Assistance	Wichita Family Medicine Specialists	Young Beginnings	7

7

Complete Demographics

Small Size Facilities

Coffeyville Regional Medical Center Neosho Memorial Hospital

Newman Regional Health Newton Medical Center

St. Luke's South Hospital William Newton Memorial Hospital

Medium Size Facilities

Salina Regional Health Center

CCHD Screening Winners

Very Small Size Facilities

Abi	lene	Memorial	Health S	ystem
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Bob Wilson Memorial

Clara Barton Hospital

Community Healthcare System Onaga

Gove County Medical Center

Kingman Community Hospital

Midwife KC

New Birth Company - Kansas City

Republic County Hospital

Sabetha Community Hospital

Simply Midwifery

Sumner Regional Medical Center

Atchison Hospital

Born Midwifery

Clay County Medical Center

Community Memorial Hospital Marysville

Immanuel Birth Company

Life Center Clinic

Midwife Partners In Women's Wellness

Norton County Hospital

Research Medical Center

Sacred Song Home Birth

Smith County Memorial Hospital

Truly You Midwifery

Birth & Women's Health Center

Cheryl Gates - Midwife

Coffey County Hospital

Fruitful Vine

Jessica Vail - Midwife

McPherson Hospital

Morton County Hospital

Osborne County Memorial Hospital

Rooks County Health Center

Scott County Hospital

St. Mary's Health Center

Wichita Birth Assistance

Small Size Facilities

Coffeyville Regional Medical Center

Kearny County Hospital

Labette Health

New Birth Company - Overland Park

Newton Medical Center

Pratt Regional Medical Center

University of KS Health System - Great Bend

No medium or large size facilities reported 100% of CCHD screenings in 2019.

Hearing Screening Winners

Very Small Size Facilities

Mitchell County Hospital Morris County Hospital

Norton County Hospital Sabetha Community Hospital

Small Size Facilities

Labette Health Newton Medical Center

Medium Size Facilities

Lawrence Memorial Hospital

Large Size Facilities

Olathe Medical Center

Metabolic Screening Collection Age - Winners

Goal = 24 hours of Age

COLLECTION AGE UNDER 30 HOURS

Very Small Size Facilities

Abilene Memorial Hospital

Bob Wilson Memorial Cheyenne County Hospital

Clay County Medical Center Community Healthcare System Onaga

Atchison Hospital

Hiawatha Community Hospital Hillsboro Community Medical Center

Republic County Hospital Rooks County Health Center

Smith County Memorial Hospital South Central KS Medical Center

Small Size Facilities

Coffeyville Regional Medical Center Newton Medical Center

Pratt Regional Medical Center William Newton Hospital

Medium Size Facilities

Salina Regional Health Center Western Plains Regional Medical Complex

Large Size Facilities

AdventHealth Shawnee Mission Ascension Via Christi - St. Joseph

University of Kansas Medical Center

Metabolic Screening

Collection Age - Honorable Mentions

Goal = 24 hours of Age

COLLECTION AGE UNDER STATE AVERAGE (38 HOURS)

Very Small Size Facilities

AdventHealth Ottawa

Coffey County Hospital

Cushing Memorial Hospital

Gove County Medical Center

Mitchell County Hospital

Nemaha Valley Community Hospital

Nicole Greene - Midwife

Sabetha Community Hospital

Truly You Midwifery

Born Midwifery

Community Memorial Healthcare Marysville

Goodland Regional Medical Center

Midwife KC

Natural Birth KC

NewBirth Company - Kansas City

Rice County District Hospital

Scott County Hospital

Washington County Hospital

Zao Midwifery

Small Size Facilities

Citizens Medical Center

Hutchinson Regional Medical Center

Neosho Memorial Regional Medical Center

St. Luke's South Hospital

Geary Community Hospital

Kearny County Hospital

Newman Regional Health

Susan B. Allen Memorial Hospital

Medium Size Facilities

Ascension Via Christi Hospital - Manhattan

Hays Medical Center

Southwest Medical Center

Large Size Facilities

Stormont Vail Health

Wesley Medical Center

Metabolic Screening Transit Time - Winners

Goal = 24 hours or less

TRANSIT TIME AT OR BELOW GOAL

Very Small Size Facilities

Derby Family MedCenter

No small, medium, or large size facilities met this metric in 2019.

Metabolic Screening Transit Time - Honorable Mentions

Goal = 24 hours or less

TRANSIT TIME BELOW STATE AVERAGE (72 HOURS)

Very Small Size Facilities

Allen County Hospital

Children's Mercy Hospital Kansas Lab

Coffey County Hospital

Family Medicine College Point Olathe Health

Gove County Medical Center

Holton Community Hospital

McPherson Hospital

Natural Birth KC

Osborne County Memorial Hospital

Primary Care Associates

Smith County Memorial Hospital

Stanton County Hospital

Bloom Midwifery

Clay County Medical Center

Community Memorial Healthcare Marysville

Fruitful Vine Midwives

Hillsboro Community Medical Center

Kingman Community Hospital

Mitchell County Hospital

Nemaha Valley Community Hospital

Pawnee Valley Community Hospital

Rice County District Hospital

St. Mary's Health Center

UKHS Ambulatory Pediatrics - PV

WesleyCare Pediatrics Clinic

Small Size Facilities

Hutchinson Regional Medical Center

Labette Health

St. Luke's South Hospital

Kearny County Hospital

Providence Medical Center

Susan B. Allen Memorial Hospital

William Newton Hospital

Metabolic Screening Transit Time - Honorable Mentions

Goal = 24 hours or less

TRANSIT TIME BELOW STATE AVERAGE (72 HOURS)

Medium Size Facilities

Ascension Via Christi Hospital - Manhattan

Salina Regional Health Center

University of KS Health System - St. Francis

Large Size Facilities

AdventHealth Shawnee Mission

Stormont Vail Health

Overland Park Regional Medical Center

Wesley Medical Center

Metabolic Screening Unsatisfactory Rate - Winners

Goal = 1.3% or less

UNSATISFACTORY RATE AT OR BELOW GOAL

Small Size Facilities

St. Luke's South Hospital

No very small, medium, or large size facilities met this metric in 2019.

Metabolic Screening

Unsatisfactory Rate - Honorable Mentions

Goal = 1.3% or less

UNSATISFACTORY RATE BELOW STATE AVERAGE (4.75%)

Very Small Size Facilities

Allen County Hospital

Bob Wilson Memorial

Children's Mercy - Pediatric Care Specialists

Children's Mercy Hospital Kansas Lab

Fruitful Vine Midwives

Hiawatha Community Hosp

Nemaha Valley Community Hospital

Olathe Health Pediatrics, Olathe Medical Park

Rooks County Health Center

Small Size Facilities

Coffeyville Regional Medical Center

Kearny County Hospital

Menorah Medical Center

Neosho Memorial Regional Medical Center

Newton Medical Center

Pratt Regional Medical Center

Providence Medical Center

Medium Size Facilities

Ascension Via Christi Hospital - Pittsburg

Ascension Via Christi Hospital - Manhattan

Hays Medical Center

Irwin Army Community Hospital

Salina Regional Health Center

University of Kansas Health System - St. Francis

Western Plains Regional Medical Complex

Large Size Facilities

AdventHealth Shawnee Mission

Overland Park Regional Medical Center

Stormont Vail Health

University of Kansas Medical Center

Wesley Medical Center

Best of the Best

Facilities Earning "All Around" Recognition (4 or more Categories)

Kearny County Hospital
CCHD & Honorable Mention in all three Metabolic Categories

Newton Medical Center
CCHD, Hearing, Top Honors in Metabolic Collection Age & Honorable Mention in
Metabolic Unsatisfactory Rate

Facilities Meeting Both Point-of-Care Screening Metrics

Labette County Medical Center Norton County Hospital Sabetha Community Hospital

Facilities Earning Recognition in all Metabolic Screening Categories

AdventHealth Shawnee Mission (Top Honors in Collection Age)
Ascension Via Christi - Manhattan
Nemaha Valley Community Hospital
Salina Regional Health Center (Top Honors in Collection Age)
St. Luke's South Hospital (Top Honors in Unsatisfactory Rate)
Stormont Vail Health
Wesley Medical Center

CONGRATULATIONS!

Appendix: Facility Size Lists

Very Small Size Facilities

Abilene Memorial Hospital	Bob Wilson Memorial Hospital	Community Homebirth	Hiawatha Community Hospital
AdventHealth Ottawa	Born Midwifery	Community Memorial Healthcare	Hillsboro Community Medical Center
Allen County Hospital	Brenda Frankenfeld - Midwife	Cushing Memorial Hospital	Hillside Medical Offices
AMS Lab	Cheryl Gates - Midwife	Derby Family MedCenter PA	Holton Community Hospital
Amy A Sparks - Midwife	Cheyenne County Hospital	Drs. Heidgen and Mills	Hutchinson Clinic
Antioch Med	Children's Mercy - Pediatric Care Specialists Inc	Family Medicine College Point Olathe Health	Immanuel Birth Company
Arbor Creek Family Care	Children's Mercy Hospital Kansas	Faul Midwifery	Jessica Vail - Midwife
Ascension Via Christi Clinic - Derby	Children's Mercy Hospital Kansas Lab	Fran Beier	Kingman Community Hospital
Associates in Internal Medicine & Pediatrics	Children's Mercy West	Fruitful Vine Midwives	KU Wichita Pediatrics - PKU Clinic
Atchison Hospital	Clay County Medical Center	Gardner Family Care	Life Center Clinic
Bazzaro Clinic	Coffey County Hospital	Goodland Regional Medical Center	Lilly Mason - Midwife
Birth & Women's Health Center	College Point Primary Care	Gove County Medical Center	McPherson Hospital
Birth Unlimited	Community Health Center of SE KS - Ft. Scott Main Clinic	Greeley County Hospital	Meade Hospital
Bloom Midwifery and Women's Health Services	Community Healthcare System Onaga	Heidi Nisly - Midwife	Mercy Hospital - Moundridge

Appendix: Facility Size Lists

Very Small Size Facilities

Miami County Medical Center, Inc	No Greater Love Midwifery	Sabetha Community Hospital	Turner House Clinic
Michelle Ruebke - Midwife	Norton County Hospital	Sacred Song Homebirth	Washington County Hospital
Mid-KS Pediatric Assoc P.A.	Olathe Health Family Medicine Blackfoot	Saint John Hospital	Wesley Care Pediatrics Clinic
Midwife KC	Olathe Health Pediatrics, Olathe Medical Park	Scott County Hospital	West Wichita Family Physicians
Midwife Partners in Women's Wellness	Osborne County Memorial Hospital	Sienna Medical Clinic	Wichita Birth Assistance
Minneola District Hospital	Pawnee Valley Community Hospital	Simply Midwifery	Wichita Family Medicine Specialists
Mitchell County Hospital	Pediatric Care Specialists, PA	Smith County Memorial Hospital	Young Beginnings
Morris County Hospital	Phillips County Hospital	South Central KS Regional Medical Center	Zao Midwifery
Mulvane Family Medical Center	Preferred Pediatrics	St. Mary's Medical Center	
Munson Army Health Center	Primary Care Associates	Stanton County Hospital	
Natural Birth KC	Rachel Andresen - Midwife	Sumner Regional Medical Center	
Nemaha Valley Community Hospital	Republic County Hospital	Truly You Midwifery	
New Birth Company - Kansas City	Rice County District Hospital	TUKHS Ambulatory Pediatrics- MOB	
Nicole Greene - Midwife	Rooks County Health Center	TUKHS Ambulatory Pediatrics- PV	

Appendix: Facility Size Lists

Small Size Facilities

Citizens Medical Center

Labette Health

Newton Medical Center

University of KS Health System - Great Bend

Coffeyville Regional Medical Center

Menorah Medical Park

Pratt Regional Medical Center

William Newton Hospital

Geary Community Hospital

Neosho Memorial Hospital

Providence Medical

Center

Hutchinson Regional Medical Center

New Birth Company -Overland Park

St. Luke's South Hospital

Kearny County Hospital

Newman Regional Health

Susan B. Allen Memorial

Hospital

Medium Size Facilities

Ascension Via Christi Hospital - Manhattan

Irwin Army Community Hospital

Southwest Medical Center

Western Plains Regional Medical Complex

Ascension Via Christi Hospital - Pittsburg

Lawrence Memorial Hospital

St. Catherine Hospital

Hays Medical Center

Salina Regional Health

Center

University of KS Health System - St. Francis

Large Size Facilities

AdventHealth Shawnee

Mission

Olathe Medical Center

Stormont Vail Health

Wesley Medical Center

Ascension Via Christi -

St. Joseph

Overland Park Regional

Medical Center

University of Kansas Medical Center

Thank you!

Implementing these annual awards required commitment and contribution from the entire Kansas Newborn Screening team and our partners. Thank you to all who collaborated on this project and promoted awareness of its publication!



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KDHE Health Chemistry Laboratory

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Kansas Department of Health and Environment

~ Communications Team ~